

L41 ANSWER 1 OF 1 WPIDS (C) 2003 THOMSON DERWENT

AN 1978-24335A [13] WPIDS

TI **Soil improving agent contg. hydrogen peroxide and calcium peroxide - and pref. urea or a cpd. of boron, molybdenum, copper, zinc and(or) chlorine.**

DC C03

PA (NICA-N) NIPPON CALOXIDE KK; (NIPX) NIPPON PEROXIDE CO LTD

CYC 1

PI **JP 53017155** A 19780216 (197813)* <--

PRAI JP 1976-87241 19760723

AB JP 53017155 A UPAB: 19930901

Soil improving agent contains hydrogen peroxide and calcium peroxide and pref. ≥ 1 cpd. selected from cpds. of boron, molybdenum, copper, zinc and chlorine, and urea. The concns. of hydrogen peroxides and calcium peroxide are 0.01-0.2g/litre and the amt. of liquid to be sprayed is pref. > 50 litres per are. Boron, molybdenum, copper, zinc and chloride are added in the form of salts in amts. of < 0.01 ppm. The amt. of urea added is generally about 0.1 ppm.

Respiration disorders of plant roots are avoided, the activity of roots can be increased and the growth of roots can be accelerated.